ABSTRACT OF THE DISCLOSURE

A network management tool operable to display a visual representation (e.g., a network topology) of network devices monitored by the network management tool is disclosed. Network management software (NMS) is executed on a network management node for monitoring one or more networks. The NMS includes a display module and a filter module. The filter module allows a user, such as a network administrator, to select a plurality of filters that limit the information provided in the visual representation. The network administrator may select filters associated with particular types of nodes and/or status levels of the selected nodes. Information associated with the selected filters may be retrieved from a database containing information about the nodes in the monitored networks. The display module creates the visual representation using the retrieved information. The visual representation is divided into segments, and the visual representation may be displayed on a single display page.